

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: 1. Computers

Sub Category	Item	Comments
	Acer	
	Apple	
	Dell	
	HP	
	Lenovo	
	Microsoft	
	Nexlink	Seneca Data
	Samsung	Chromebook only
	Sony	
	Toshiba	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **2. Communications Equipment**

Sub Category	Item	Comments
Routers/Switches	Avaya-Nortel Systems	Shipping documentation and software have to be relabeled by Avaya by 12/19/10
	Cisco	
Wireless Access Points	Apple	
	Aruba	
	Avaya-Nortel Systems	
	Cisco	
	Meraki/Cisco	
Wireless Bridge	MERU	
	LigoWare	
	Ubiquiti	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **3. Internet Browsers**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Chrome	
	Firefox	
	Internet Explorer	IE 8.0 and newer
	Safari	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: 4. NIC Cards

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Ethernet 10/ 100 / Gig E / wireless	OEM	by PC manufacturer on Standards List; Use of "B" not recommended

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **5. Operating Systems**

Sub Category	Item	Comments
Network	Linux	Red Hat Version 7.X Ubuntu
	Mac OS X Server	
	Novell	
	VMWare	Infrastructure 4 (or newer)
	Windows 2008 and newer	Windows 2003-NNI (End of life June 14, 2013) Includes MS Hyper V
Workstations	Chrome OS	
	Linux	Red Hat Version 7.X or newer Ubuntu
	Mac OS X	
	Thin Zero Client	
	Windows 7 and newer	Any Non-Pro version of 8 not allowed if equipment is expected to connect to the network.
	Windows Vista	Not recommended

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Workstations	Windows XP	NNI-End of Life Support is April 8, 2014
--------------	------------	--

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: 6. Plotters

Sub Category	Item	Comments
	HP	Specific services only

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **7. Printers**

Sub Category	Item	Comments
High Speed Networked Digital	Canon	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Konica-Minolta	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Kyocera Mita	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Oce`	NNI
	Panasonic	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Ricoh	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Sharp	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Toshiba	Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
	Xerox	NNI--Selected models that are listed on the Erie 1 BOCES bid #C14-NDP0619
Standard	Dell	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

Standard	Epson	
	HP	
	Lexmark	
	Okidata	
	PTM Document Systems	Print to mail units for Standards supported printers
	Ricoh	
	Xerox	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **8. Scanners**

Sub Category	Item	Comments
		Others as required or recommended by specific supported services/applications
	Canon	
	HP	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **9. Servers (Standard)**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Standard	Apple	
	Dell	
	HP	
	IBM/Lenova	
	Nextlink	Seneca Data-NNI

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

Category: **10. Servers (SAN)**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
SAN	Dell/Equalogic Storage Solutions	
	HP/Lefthand Storage Works	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **11. Software**

Sub Category	Item	Comments
Anti Theft/Data Protection	Absolute Computrace	
Collaborative Software	Exchange	
	Lotus Notes	
Desktop Image Protection	Clean Slate	Refer to WNYRIC End Point Management Best Practices
	Deep Freeze	Refer to WNYRIC End Point Management Best Practices
	Fool proof	Refer to WNYRIC End Point Management Best Practices
	Fortress 101	Refer to WNYRIC End Point Management Best Practices
	ZenWorks	Refer to WNYRIC End Point Management Best Practices
Desktop Imaging	Symantec Ghost	
Malware Protection	Computer Associates	
	Forefront Endpoint Protection	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Malware Protection McAfee

Sophos

Symantec

Office Productivity File Maker Pro

Microsoft Office Suite Or its components

OpenOffice

Printer Management Print Manager Plus

Server Backup ARCServ

Backup Exec

NovaStor

Retrospect MAC OSX

Veeam Backup and Replication

Yosemite/Novanet

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

Terminal Servers Citrix

Microsoft

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: 12. Server Back Up

Sub Category	Item	Comments
	Exagrid	
	IdealStor Backup Appliance Hardware Solutions	Hardware only: Teralyte, FraneNAS, and the IdealStor Backup appliance - excludes iBac product
	Tape Backup as recommended by server manufacturer	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: *13. Virtualization*

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Desktop Application	Oracle Virtual Box	
	Parallel	
	Spoon Virtual Application Studio	
	VMWare Fusion	
Private Cloud	Classlink-Launchpad	
	WebNetwork-Stoneware	
Workstations	nComputing	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: 14. VoIP

Sub Category	Item	Comments
	Avaya	
	Cisco	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, docuement cameras, handheld devices, tablets, projectors etc.*

Category: 15. Video Conferencing

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
Hardware Appliance Based	Polycom Videoconferencing	
	Tandberg Videoconferencing	
Software Based		

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **16. Network Optimization**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Veloxum	NNI
	Vmware Vcenter Operations Manager	

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: ***17. Tablet Devices***

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
	Android 3.1 (or above)	OS, Applications and Hardware capability must be verified by Michelle Okal or Jill Holbrook prior to purchase
	iOS4.1 (or above)	OS, Applications and Hardware capability must be verified by Michelle Okal or Jill Holbrook prior to purchase

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: 18. End Point Management

Sub Category	Item	Comments
	IBM TEM	Tivoli Endpoint Management
	Impero	Accessible on local network only
	SCCM	2012 SP1 and newer

WNYRIC Standards List as of May, 2014

**Includes Instructional Technology (CSLO) Peripheral devices, for example: video cameras, digital cameras, document cameras, handheld devices, tablets, projectors etc.*

Category: **19. UPS**

<i>Sub Category</i>	<i>Item</i>	<i>Comments</i>
---------------------	-------------	-----------------